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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/539,305

Filing Date

June 16, 2005

First Named Inventor

MARTIN ENGLER et al.

Art Unit

Examiner Name

Attorney Docket Number

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☒

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Reply to Missing Parts/
Incomplete Application☐Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

Landscape Table on CD

☐

After Allowance Communication to TC

☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify
below):and Appended Search Reports and
References

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

William D. Breneman, Esq.; BRENEMAN & GEORGES

Signature

Printed name

William D. Breneman, Esq.

Date

September 16, 2005

Reg. No.

26,714

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. B x 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

MARTIN ENGLER,
EDMUND FOEHR and
WALTER SCHUHMACHER-RUF

Serial No.: 10/539,305

Group Art Unit:

Filed: June 16, 2005

Examiner:

For: ANTIFRICTION BEARING COMPRISING INTEGRATED LUBRICATING
MATERIAL

September 16, 2005

* * * * *

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of
Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 56 of the Rules of Practice in Patent and Trademark Cases (37 CFR § 1.56) Applicants submit copies of the references uncovered in a search report by the German Patent Office dated June 16, 2003 of prior art searched in Germany, Austria, Switzerland, France, Great Britain, USA, Japan (abstracts), USSR (abstracts), European Patent Office and WIPO, International Search Report dated April 13, 2004, International Preliminary Examination Report dated October 21, 2004, Translation of the International Preliminary Examination Report. These references including literature are included on Form PTO-

MARTIN ENGLER et al.
U.S. Serial No.: 10/539,305

1449 appended hereto as Exhibit B and are as follows:

U.S. References

6,296,393 B1 (Yabe, Toshikazu et al.)
October 2, 2001

5,271,679 (Yamazumi, Shuji)
December 21, 1993

Pub.No.: US 2002/0142264 A1 (Metrikin, Alex)
October 3, 2002

German References

DE 101 45 405 A1 (Meier, Sven et al.)
April 3, 2003

DE 41 39 426 A1 (Kondo, Hiromitsu et al.)
June 17, 1992

DE 29 42 265 (Kakumoto, Ken-Ichi)
July 17, 1980

International Reference

WO 2004/055402 A1 ((Engler, Martin et al.)
July 1, 2004

WO 03/064874 A1 ((Zhou, Xiao, Bo)
August 7, 2003

EP 1 262 674 A2 (Kinno, Dai et al.)
April 12, 2002

WO 99/58865 (Jacobson, Bo et al.)
November 18, 1999

WO 99/14512 (Horton, Stuart et al.)

MARTIN ENGLER et al.
U.S. Serial No.: 10/539,305

March 25, 1999

WO 98/13611 (Ball Bearing Comprising a
Permanent Lubricating....)

WO 01/33091 A1 (Drory, Michael et al.)
May 10, 2001

JP 11201175 A (Koyo Seiko Co. Ltd.)
July 27, 1999

JP 11051066 A (Yabe Shunichi et al.)
February 23, 1999

JP 09137830 (Toyoda Yasushi et al.)
May 27, 1997

JP 08093774 A1 (Okada Kenji et al.)
April 9, 1996

JP 08074862 (Sugano Seiichiro et al.)
March 19, 1996

JP 07243447 A (Nishioka Takeshi et al.)
September 19, 1995

JP 06193637 A (Minami Masami et al.)
July 15, 1994

JP 05240258 A (Kondo Hiromitsu et al.)
September 17, 1993

JP 2003013960 A (Nawamoto Hirotsuna et al.)
January 15, 2003

JP 2002357225 A (Saito Takeshi)
December 13, 2002

JP 2002195276 A (Saito Takeshi et al.)
July 10, 2002

JP 2002122152 A (Konno Masaru et al.)
April 26, 2002

MARTIN ENGLER et al.
U.S. Serial No.: 10/539,305

JP 2001355636 A (Toyoda Yasushi)
December 26, 2001

JP 2001304275 A (Kida Takehisa et al.)
October 31, 2001

JP 2000179557 A (Yabe Shunichi et al.)
June 27, 2000

JP 2000136828 A (Hayashida Kazunori et al.)
May 16, 2000

Abstracts in English of the cited German references
have been obtained where available and are included herewith as
Exhibit A.

Although no fee is believed required for the
Information Disclosure Statement, the Commissioner is hereby
authorized to charge any additional fee or credit any overpayment
which may be required by this Information Disclosure Statement to
Deposit Account No. 02-3702.

A duplicate copy of this sheet is attached.

Respectfully submitted,

BRENEMAN & GEORGES

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/539,305
Filing Date	June 16, 2005
First Named Inventor	MARTIN ENGLER et al.
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet	1	of
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 101 45 405 A1	04-03-2003	Meier, Sven et		
		DE 41 39 426 A1	06-17-1992	Kondo, Hiromits		
		DE 29 42 265	07-17-1980	Kakumoto, Ken-I		
		WO 2004/055402 A1	07-01-2004	Engler, Martin		
		WO 03/064874 A1	08-07-2003	Zhou, Xiao, Bo		
		EP 1 262 674 A2	04-12-2002	Kinno, Dai et a		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket Number

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† ⁶
		Country Code ² ~Number ⁴ ~Kind Code ³ (if known)	MM-DD-YYYY			
		WO 99/14512	03-25-1999	Horton, Stuart		
		WO 98/13611		Russian		
		WO 01/33091 A1	05-10-2001	Drory, Michael		
		JP 11201175 A	07-27-1999	Koyo Seiko Co.		
		JP 11051066 A	02-23-1999	Yabe Shunichi e		
		JP 09137830	05-27-1997	Toyoda Yasushi		

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		Country Code ³ ~ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		WO 99/58865	11-18-1999	Jacobson, Bo et		
		JP 08093774 A1	04-09-1996	Okada Kenji et		
		JP 08074862	03-19-1996	Sugano Seiichir		
		JP 07243447 A	09-19-1995	Nishioka Takesh		
		JP 06193637 A	07-15-1994	Minami Masami		
		JP 05240258 A	09-17-1993	Kondo Hiromitsu		

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		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP 2003013960 A	01-15-2003	Nawamoto Hirots		
		JP 2002357225 A	12-13-2002	Saito Takeshi		
		JP 2002195276 A	07-10-2002	Saito Takeshi e		
		JP 2002122152 A	04-26-2002	Konno Masaru		
		JP 2001355636 A	12-26-2001	Toyoda Yasushi		
		JP 2001304275 A	10-31-2001	Kida Takehisa		

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP 2000179557 A	06-27-2000	Yabe Shunichi		
		JP 2000136828 A	05-16-2000	Hayashida Kazun		

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